

(1) Number of pages 22.(2) Date of repair 8-11-38.(3) Initials of the Referencer GP

MADRAS RECORD OFFICE.

Government of Madras.

P. lelei DEPARTMENT.
Con 2074/60

G.O. No. <u>732</u>	Press Mis. <u> </u>
<u>17-18</u> Dated <u>12-4-</u> 18 <u>60</u>	

Not to be folded or roughly handled*GP*
8-11-38

*Proceedings of the Madras Government, Public Works Department,
for the month of April 1860.*

No. 17. Read the following letter from Colonel J. H. BELL, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 23rd March 1860, No. 11,645 :—

I have the honor to forward, for submission to Government, the accompanying four Estimates, amounting in the aggregate to Rupees (2,930,) Two thousand nine hundred and thirty, for the undermentioned works in the District of Tanjore, viz :

2 Original letters from District Engineer, Tanjore, Nos. 330 and 331, dated 28th February 1860.
4 Abstract Estimates and 1 Plan.

	Rs.	As.	P.
1 For constructing a Bridge of three arches nine feet span across the Palavar on Road No. 11...	750	0	0
2 For repairing and improving the Ambinar Kalingal.	890	0	0
3 Do. do. the Arab Kalingal. ...	690	0	0
4 Do. do. the Palagudi Aqueduct across Iyavianar and adding two vents to it. ...	600	0	0
Total Rupees...	2,930	0	0

2. The Palavar Bridge was destroyed by the floods of November 1858. The approaches to it on both sides were swept away, the west wing walls destroyed, the abutments are sunk on the west side, and the arches and east wing walls cracked in every direction.

3. The Road No. 11 on which the Bridge is proposed to be constructed is a very important one, being the direct route between Combaconum and Wudiarpollum.

4. With regard to the other three Estimates it may be briefly stated that they are "for repairing and extending masonry works in Range No. 3, which are too small, and which impeding the free passage of the waters in the rivers in which they are situated cause breaches in the banks almost annually, these breaches are closed at a comparatively large outlay, while the crops in their vicinity are constantly injured or destroyed." To prevent this, these Estimates have been prepared, which have met the approval of the Collector. The District Engineer has directed the preparation of materials for these works.

5. The accompanying Estimates have been examined in this Office, and the rates therein given are those obtaining in the Tanjore District. Considering the urgent necessity for these works, I have, in anticipation of the sanction of Government, directed the District Engineer of Tanjore to proceed with them. I beg, therefore, Government will approve of my proceeding. The amount, Rupees (2,930,) Two thousand nine hundred and thirty, to be defrayed from the General Repair Fund of the District for 1860-61.

No. 18. ORDER THEREON, 12th April 1860, No. 732.

The Government sanction the four Estimates aggregating Rupees 2,930 submitted with this letter for execution in the year 1860-61. The cost of the works will be charged, as proposed, to the Tanjore Repair Fund of that year.

(Signed) J. D. BOURDILLON,
Secretary to Government.

(Public roads)

(New Work)

Abstract of Estimate No. of 185 / 5.

District — Tanjore.

Talook — Kombakonam Village —

Work — Constructing a Bridge of 3 arches 9 feet span
across the Palawadi on Road No. 11 from Kombakonam to Nodiyalam.

Quantities.	Description of Work.	Rate.		Amount.	Amount of each part
		Rs.	a. p.	Rupies.	Rupies.
C. Yards.					
6104 1/2	Cubic feet. Brick in chunam work } 4 1/2	"	14	509	
2050	Same feet. Plastering 1/2 in.	1	8	31	
3360	Cubic feet. Cementing work } 4	"	"	70	
	Putting up scaffolding —	"	"	30	
	Excavating foundation —	"	"	30	
	Palings and Sundries —	"	"	45	
	Extra Establishment —	"	"	35	

Total Rupies 750.

Central Office of P. W.
S. P. W. —
23rd March 1860

J. B. L. Colonel
Chief Engineer P. W.

<i>Quantities.</i>	<i>Description of Val.</i>
C. Yr. do.	

	<i>Rate.</i>		<i>Amount.</i>	<i>Amount</i> <i>T. each part.</i>
	Rd.	B. P.	Rupies.	Rupies.
W.				

Enclosed

In a letter

From

The Chief Engineer
C. P. H.

To

The Secretary to Govt.
No 732/60. C. P. H.

Dated 23rd March 1860.

Received

No 11645.

Abstract Estimate
of the expense of constructing a
Bridge of 3 arches, 9 feet span
across the Puluvu road near
H. from Com. station and to the
junction in the District of
Tanjore. Amounting to Rs 890.

Revenue, Irrigation.

(New Work)

Abstract of Estimate No. of 185 / 5

District — Tanjore

Talook — Paraliem Village.

Work — Repairing and Improving the
Umbenauw Calingulak and extending it on the south side

Quantities	Description of Work	Rate	Amount	Amount of each part
C. Hards.		Rs. a. p.	Rupess.	Rupess.
5208	Cubic feet Brickwork in Chumam per ft.	1 9	570	
35 1/2	Squares Plastering per square	2 . .	71	
5	Cubic feet Upright stone per cubic foot	2 . .	10	
12	Stone shutters	2 4 .	27	
15 1/3	Cutting old work into cubes and fixing in rear	.. . 3	26	
	Excavating foundation and filling		45	
	Temporary Dams above and below		40	
	Baling		45	
	Extra Establishment of Sundries		56	
			Total Rupess.	890

Contract Office of T. H.
Sipahkarn
23rd March 1860

H. K. L. Colonel
Chief Engineer D. H.

Enclosure
 In a letter
 From
 The Chief Engineer D. W.
 To The Secretary to Govt.
 D. W.

Dated 23rd March 1860
 Recd.

Sanctioned
 No 732/00.
 No 11645.

Abstract Estimate
 for Repairing and Im-
 proving the Chinbenam
 Calingulah and extending
 it on the South side by
 the District of Tanjore
 amounting to Rupees
 890-

Revenue, Irrigation. (New Work)
 Abstract of Estimate No. of 185 / 5
 District - Tanjore
 Talook - Tanquebar Village.
 Work - Repairing and Improving the
 Arab Calingulah and extending it on the East side.

Quantities.	Description of Work.	Rate.	Amount.	Amount of each part.
C. Yards.		Rs. A. P.	Rupees.	Rupees.
4459	Cubic feet Brick work in Chinam per ft.	1 9	488	
11	Squares of Plastering per square	2	22	
1	Cubic foot. Upright Stone per Cubic foot	2	2	
450	Cutting ool work into cubes and fixing in rear D.	3	7	
	Excavating foundation and filling in		45	
	Temporary dams above and below		40	
	Baling		45	
	Extra Establishment & Sundries		41	
			Total Rupees 690	

Central Office D. W.
 Sriprabhu
 23rd March 1860.

W. L. L. Colonel
 Chief Engineer D. W.

Measures
In a letter
From
The Chief Engineer
D. W.

To
The Secretary D. W.
D. W.

Dated 23^d March 1860
Recd.

000732/50.

N^o 11645

Abstract Estimate
for Repairing and Im-
proving the Arab Calu-
gulah and Extending
it on the East side in
the District of Tanjore
amounting to Rupees
690.

15

Revenue Irrigation. (New Work)
Abstract of Estimate No. of 185 / 5
District — Tanjore
Talook — Myavaram Village.
Work — Repairing and Improving the
Palgody Aqueduct across the Myavaram and adding two
Vents to the same.

Quantities.	Description of Work.	Rate.	Amount.	Amount of each part.
C. Yards.		Rs. A. P.	Rupees.	Rupees.
3840	One and a half feet Brick work in chu- crum per foot	" 1. 6.	360	
25 3/4	Squares Plastering per square —	2 ..	51	
	Excavating foundation and filling —		40	
	Baling —		40	
	Demolishing old work and temporary Dams		65	
	Extra Establishment of Hindies		44	
			Total Rupees 600.	

Central Office of D. W.
Sepakram
23^d March 1860

H. B. W. Colonel
Chief Engineer D. W.

Quantities.	Description of Work
C.Yards.	

Enclosure
In a letter
From
The Chief Engineer D. W.
To The Secretary D. W.

Dated 23^d March 1860.
Recd

00732/60

N^o 11645

Abstract Estimate
for Repairing and Im-
proving the Palagoody
Aqueduct across the
Syavarianar and adding
two vents to the same
in the District of Tanjore
amounting to Rs. 600-

Central Office of Public Works
Chepauk 23^d March 1860.

N^o 11645

From,
The Chief Engineer
To
The Secretary to Government.
Public Works Department
Sir,

Enclosures 7.
2 Original letters from
District Eng^r Tanjore
Nos 330 & 331 dated
28th Feb^y 1860.
4 Abstract Estimates
1 Form.

I have the honor to forward, for sub-
mission to Government, the accompanying 4 Estimates,
amounting in the aggregate to Rupees 2930, Two
thousand nine hundred and thirty, for the undermen-
tioned works in the District of Tanjore, viz

- 1 For constructing a bridge of 3 Arches 9 feet
span across the Palavar on Road N^o 11— Rupees 750-.-.
 - 2 For repairing and improving the Umbeniar
balingulah— Rupees 890-.-.
 - 3 2^d 2^d the Arab balingulah— Rupees 690-.-.
 - 4 2^d 2^d the Palagudi Aqueduct across
Syavarianar and adding 2 Vents to it— Rupees 600-.-.
- Total Rupees—2,930-.-.

2. The Palavar bridge was destroyed
by the floods of November 1858. The approaches
to

to it on both sides were swept away, the west wing walls destroyed, the abutments are sunk on the west side, and the arches and east wing walls cracked in every direction.

3. The road No 11 on which the bridge is proposed to be constructed is a very important one, being the direct route between Combaconum and Mudiarpollum.

4. With regard to the other 3 Estimates it may be briefly stated that they are "for repairing and extending masonry works in Range No 3 which are too small, and which impeding the free passage of the waters in the rivers in which they are situated cause breaches in the banks almost annually, these breaches are closed at a comparatively large outlay while the crops in their vicinity are constantly injured or destroyed." To prevent this, these Estimates have been prepared, which have met the approval of the Collector. The District Engineer has directed the preparation of materials for these works.

5. The accompanying Estimates have been examined in this Office, and the rates therein given are those obtaining in the Tanjore District. Considering the urgent necessity

necessity for these works, I have, in anticipation of the sanction of Government, directed the District Engineer of Tanjore to proceed with them. I beg therefore Government will approve of my proceeding. The amount, Rupees 2,930, Two thousand nine hundred and thirty, to be defrayed from the general repair fund of the District for 1860/61.

I have the honor to be Sir,

Your Most Obedient Servant

J. Bell Colonel
Chief Engineer

Central Office of P.W.
Chepauk
23rd March 1860

L.S. Lieut. Colonel.
D. Chief Eng. in charge of Circle.

ML

To Mr. 1860 Sept 24
of Govt No 732.

From the Chief Engineer
of the Secretary to Government
Public Works Dept.

Dated 23rd March 1860
No 732. 17th April

Admits for sanction for
repair fund of 1860/61, for
estimated amounting together
Rs 2930 for the amount
of works in the District
of Bangalore, viz.

- Rebuilding Calaver bridge Rs 70
- Repairing & improving in
Andover Bangalore - Rs 80
- Rs 50 And Bangalore - Rs 60
- Rs 50 Bangalore - Rs 60
- Rs 50 Bangalore - Rs 60

March 24th April
228

No 732.

The Government
sanction the sum estimated
apparently Rs 2930 and
sanctioned with this letter for
execution in the year 1860/61.
The cost of the works will
be charged, as proposed, to
the Bangalore repair fund of
that year.

Chief Engineer
12th April 1860
To the Chief Engineer
with 3 Encls. Dated 13